

# Eastern Arizona Amateur Radio Society

EST. 1974

[www.eaars.com](http://www.eaars.com)

INC.



[facebook.com/groups/eaars](https://facebook.com/groups/eaars)

Club Address: EAARS, PO Box 398, Solomon, AZ 85551



*June, 2019*

## JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates AS THEY HAPPEN.

To reach the page, please visit **facebook.**

**com/groups/eaars** and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



## EAARS Open Repeaters

**PL 141.3** unless noted otherwise

**Echolink:** 614350 **IRLP:** 7787

**Heliograph Peak at Safford, AZ:**

146.860, 440.700 Linked

146.900, 447.8250 Not Linked

**Jacks Peak at Silver City, NM:**

145.210 Linked

**West Peak at Ft Thomas, AZ:**

145.350 Access to link to network

**Pinal Peak at Globe, AZ:**

145.410 Linked

**South Mt at Alpine, AZ:**

145.270 Linked

**Caballo Mt at TorC, NM:**

145.470 Linked

**Greens Peak at Show Low, AZ**

146.700 Linked

**Little Florida at Deming, NM:**

147.060 Linked

**Mule Mt at Bisbee, AZ:**

147.080 Linked

**Mt Lemmon at Tucson, AZ**

147.160 Linked

**Guthrie Peak at Clifton, AZ:**

147.280 Linked

# Gals on the Air!

**EST. June 2015**

Calling all Gals of any class ... Join us every Monday night for the  
**Gals Night Net @ 7:30 pm (AZ) on the EAARS system!**

## Upcoming Events

*Would You like to see your event posted for the membership to see?  
Email your information to [emberfire@cox.net](mailto:emberfire@cox.net).*

### 2019 Events

June 22-23.... Field Day

Oct 20..... Making Strides Against Breast Cancer --- Angie N7EMB

Nov 9..... Alzheimer's Walk --- Angie N7EMB

Did you know that you can see the Public Service Opportunities on [soazhamservice.net](http://soazhamservice.net)? The events are posted by dates and who leads them. If you are interested in participating or have any questions, please feel free to contact them.

### WEEKLY EAARS' NETS

**Every day:**

Down Under Net - 4:15 am

Weather Net - 5:30 am

NTS Traffic Net - 6:30 pm

**Sunday:**

EAARS Net - 7:00 pm

**Monday:**

Gals Night Net - 7:30 pm

**Wednesday:**

Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm,  
Off Season, every third Wednesday of month at 7:30 pm

**Saturday:**

ERC (Emergency Response Communications) Net -8:45 am ,  
2nd Saturday of the month (20-25 min duration)



# EAARS Officers and Staff

## Board Officers

President	Dave Wells	N7AM
Vice President	Dan Quaintance	AF7EF
Secretary/Treasurer	Larry Griggs	N5BG

## Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

## Net Control Operators

Rick W8YBM	1st Sunday
Angie N7EMB	2nd Sunday
Mike W7IJ	3rd Sunday
Chris N7JND	4th Sunday

## **SAGUARO NATIONAL TRAFFIC SYSTEM (NTS)**

### **NIGHTLY NET 6:30 P.M. ON EAARS REPEATER NETWORK by Max KI7TIG**

Every night at 6:30 P.M., the Saguaro NTS Net meets on the Eastern Arizona Amateur Radio Society (EAARS) repeater network. We are here to practice passing Radiogram messages around the United States and to any other country where third-party traffic is allowed by law.

My name is Max Presnell (KI7TIG) and I am the Net Manager. We have a great team of hams doing net control on a nightly basis: Sunday – Dick (W0PZD), Monday – Annika (KE7JOY), Tuesday – Fred (WG7FRD), Wednesday – Rosie (KG7QWR), Thursday – Max (KI7TIG), Friday – Byron (AA7BM), and Saturday is Max or Byron until we find a replacement. If you are interested, please let me (Max KI7TIG) know and I will work with you to become a successful Net Control Operator. Please contact me at [azrebleraz@gmail.com](mailto:azrebleraz@gmail.com). I'll send you an information packet within a couple of days.

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# New EAARS Members!

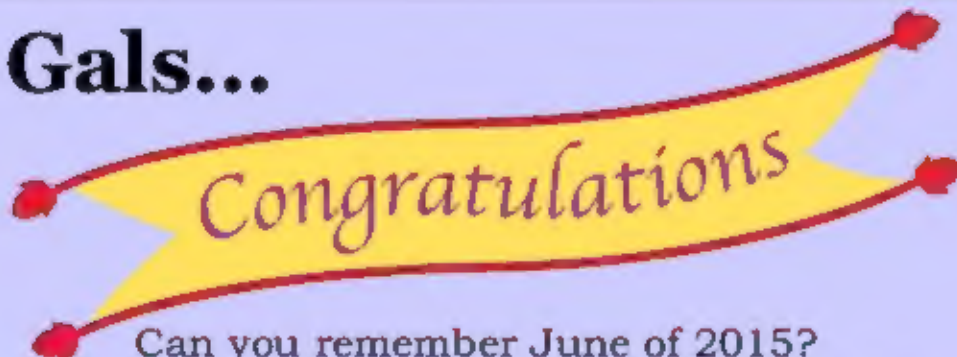
☆  
welcome

**totally**  
**awesome**

KJ7AZT	Rick
KJ7ERN	Craig
KJ7FTH	Ed
KJ7GEB	Don
KJ7GEA	Nels
KG7IRL	Will



## Gals...



Can you remember June of 2015?

**The Gals Night Net** debuted on the EAARS System for the first time June 2015! Thank you Gals for making this net so successful! Without YOU, there wouldn't be a gal's net! So Thank You! We will keep it going for as long as we can stay on the air!

**Thanks again! Hear You On The Air!**  
**Every Monday Night @ 7:30 pm (AZ time)**



## **Radio Amateurs to Demonstrate Emergency Messaging Capabilities for Red Cross, FEMA**

ARRL - 05/17/2019

Just days ahead of the 2019 Hurricane Season, dozens of hams along the US East Coast will demonstrate Amateur Radio's ability to deliver messages without commercial power, infrastructure, or permanently established stations for officials of the American Red Cross and the Federal Emergency Management Agency (FEMA).

The Thursday, May 23 event will take place in coordination with ARRL, during a joint meeting with Red Cross and FEMA officials in Baltimore. The demonstration will be a mock response to a simulated disaster scenario — a major hurricane with mass casualties striking the east coast. Amateur Radio operators at portable stations from New England to the Carolinas will deliver messages to W1AW, which will then coordinate and deliver the information to officials attending the joint FEMA-Red Cross meeting in Baltimore.



Messaging will be handled using digital modes, which can allow for the transmission of images as well as text, as a showcase for the full range of modern Amateur Radio technology. The American Red Cross will also have a NexGen Emergency Response Vehicle parked at W1AW in Connecticut as part of the training exercise, which will take place from 1330 to 1530 UTC.

ARRL and its members have a long history of working with emergency response agencies, such as the American Red Cross and FEMA, to provide or support communication in times of disaster for served agencies and partners. A principal served agency, the Red Cross shelters, feeds, and provides emotional support to victims of disasters.

## **The FCC is Not Reinstating a Vanity Call Sign Fee**

ARRL - 05/16/2019

An erroneous report this week suggested that the FCC planned to again impose an Amateur Radio vanity call sign application (regulatory) fee of \$70 for the 10-year term. This incorrect conclusion resulted from an incomplete reading of the May 7 FCC Notice of Proposed Rulemaking (NPRM) in the matter of the assessment and collection of regulatory fees for fiscal year 2019.

Although the Schedule of Regulatory Fees does show a \$7 annual fee for Amateur Radio vanity call signs, a boldface heading in that section of the NPRM states, "REGULATORY FEES. This section is no longer in effect as it has been amended by RAY BAUM'S Act of 2018..." Section 9(e)(2) of RAY BAUM'S Act gives the Commission discretion to exempt a party from paying regulatory fees when the FCC determines that the cost of collection exceeds the amount collected. A new section 9(e)(1) incorporated the Amateur Radio vanity fee exemption from FCC rules into the statute.

The NPRM makes clear in several other places that regulatory fees no longer apply to Amateur Radio licenses. The FCC eliminated the regulatory fee for Amateur Radio vanity call signs in 2015.



## **Arizona Homeowners Association and Hams Agree on Outdoor Antenna Guidelines**

ARRL - 05/13/2019

The Board of Directors of an antenna-restricted community in Arizona voted overwhelmingly in April to allow radio amateurs to erect certain outdoor antennas on their properties. Some 75 hams live in the 10,000-home Sun City Grand, a self-contained residential community for older adults. An article in the Grand Ham Newsletter by Gordon Bousman, NW7D, called it "a big win" and said the Sun City Grand community homeowners' association (HOA) is believed to be the largest in the US to permit Amateur Radio antennas. The HOA board includes one radio amateur. The new antenna guidelines went into effect on May 9.

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## ***ARRL Invites Applications for Volunteer Monitor Positions***

ARRL - 05/14/2019

ARRL is now accepting applications from individuals interested in becoming part of the new Volunteer Monitor program, a joint undertaking of ARRL and the FCC. The program seeks volunteers who — working under the direction of ARRL — will monitor and survey the Amateur Radio bands both to detect improper activity and to recognize exemplary on-the-air behavior.

Prospective Volunteer Monitors must be ARRL members. They will undergo a training and certification program administered by ARRL, and will be vetted by ARRL through at least one oral interview and a preliminary evaluation by ARRL staff. Such requirements will continue for Volunteer Monitors once they are selected.

Volunteer Monitors will serve 3-year terms at the pleasure of ARRL, and ARRL will reserve the right to terminate the participation of any Volunteer Monitor for any reason.

Volunteer Monitors must be able to utilize state-of-the-art receiving equipment and to access no-cost remote receive sites, if requested. Applicants must possess strong writing and communication skills and an understanding of the importance of thorough documentation. They must have basic word processing and data entry skills and be able to send such information, including recordings, to ARRL electronically.

Applicants must have no history of warning letters or other enforcement-related action from the FCC, must hold a Technician or higher license class, and must have been licensed for at least 3 years.

Applicants should send applications to [volunteer-monitor@arrl.org](mailto:volunteer-monitor@arrl.org) for processing.

In February, Riley Hollingsworth, K4ZDH, was named to oversee the development and implementation phases of the Volunteer Monitor program, which will replace the Official Observers (OO) program. Hollingsworth once handled Amateur Radio enforcement for the FCC.

## Arizona Homeowners Association and Hams Agree on Outdoor Antenna Guidelines

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"The road to success took nearly a year of meetings, negotiations, and occasional setbacks driven by a team of dedicated amateurs who were persistent in reaching our goals," Bousman said in his article. "While our initial discussion points focused on the possibility of passage of the [Amateur Radio] Parity Act, we later shifted our focus to the value that Amateur Radio operators can bring to the community in the event of an emergency or crisis."

Bousman told ARRL the group "somewhat" modeled its antenna proposal after that of the Sun City Texas Ham Radio group in Georgetown, Texas, which permitted outdoor antennas several years ago. "In our research, we learned that Sun City Hilton Head, South Carolina, and Sun City Henderson, Nevada, also allow certain Amateur Radio antennas," he added. "There may be other communities with similar antenna permissions, but we did not uncover any in our research."

The types of antennas permitted are modest. The list includes flagpole antennas that do not exceed 16 feet, verticals that do not rise more than 5 feet above the peak of a home, and wire antennas no higher than 5 feet above the roof peak. No traps in wire antennas are allowed and towers of any type remain prohibited.

"[These] antennas should provide amateurs very adequate capabilities to work long distances on the HF bands and to be able to adequately communicate across our community on the VHF/UHF bands — as well as being able to reach most repeaters in the Phoenix area valley including several emergency repeaters," the newsletter article opined.

Radio amateurs will need to apply to the HOA's Architectural Review Committee Standards Office to obtain approval and may only erect two outdoor antennas.

Bousman said more than a dozen antenna applications were submitted in the first week and other hams are working on designs. "We have encouraged all of our ham club members to get VHF/UHF antennas installed as soon as possible so that we can begin our [emergency communication] exercises," he told ARRL.

The newsletter included technical information on various antenna configurations and resources on where to obtain commercial antennas that would meet the HOA requirements. As suggested reading, the newsletter recommended four ARRL antenna books, including *The ARRL Antenna Book* and *Antennas for Small Spaces*.



We will be celebrating this award and the recent enactment of the Distracted Driving Legislation which exempts Amateur Radio Operators; at the Arizona State ARRL Convention, at Embry-Riddle Aeronautical University in Prescott, on Saturday June 1st.

Rick Paquette W7RAP  
ARRL Section Manager Arizona  
W7RAP@ARRL.Org  
(520) 425-6877



## SAGUARO NATIONAL TRAFFIC SYSTEM (NTS)

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You may visit our website at [saguaronts.net](http://saguaronts.net), the Arizona Traffic and Emergency Net (ATEN) at [atenaz.net](http://atenaz.net), or visit the American Radio Relay League (ARRL) at [arrrl.org](http://arrrl.org) and search for NTS. There is a lot of information on these web sites that will help familiarize you with the NTS. To get started, download the ARRL Radiogram Form and the "NTS Methods, Practices and Guidelines" from [saguaronts.net](http://saguaronts.net). Chapters 1 and 2 will help you understand and learn how to enter information onto the Radiogram Form. Radiograms range from simple birthday and holiday messages to reminders to renew your amateur radio license and a whole group of emergency messages.

By passing traffic to other hams, family, and friends, we practice preparing and sending messages in case an emergency arises. Some types of emergencies are weather-related or manmade. If power, cell phone service, computer networks or television are not available for people to receive information, ham radio may be the only way to pass this information. Please join us and learn about NTS.

Please consider checking out the nightly Saguaro NTS Net so we can help you learn how to prepare and pass traffic and help in times of emergency.

# Other Club Stuff

**RST holds FREE VE testing on the following dates, 7:00 pm at Hardesty Mid- Town Police Building, 1100 S Alvernon, Tucson.**

10-Jun-2019  
08-Jul-2019  
12-Aug-2019  
09-Sep-2019  
14-Oct-2019  
11-Nov-2019  
09-Dec-2019

## Field Day 2019

Field Day is just a few weeks away! I like to save the July EAARS Newsletter edition for Field Day experiences. There are many clubs out there who have EAARS members. If you are having Field Day with a club, please feel free to send articles before the end of the June month. I would love to post your experience.

This year we will be joining the AZ Sun Bums Club up north in Concho! Our camp host is no other than our Capitan, Mike W7LJ!

Location: 6011 Capital Park, Tucson, AZ 85712 Sun 10:00 AM to 2:00 PM

**Upcoming Days in The Park Events**

Jan 10, 2019	Event 1: Park Park 500 S. Alvernon Way 10 AM to 2 PM Take in on 146,523 PM
Feb 10, 2019	Event 2: Park Park 500 S. Alvernon Way 10 AM to 2 PM Take in on 146,523 PM
Mar 10, 2019	Event 3: Park Park 500 S. Alvernon Way 10 AM to 2 PM Take in on 146,523 PM
Apr 10, 2019	Event 4: Park Park 500 S. Alvernon Way 10 AM to 2 PM Take in on 146,523 PM
May 10, 2019	Event 5: Park Park 500 S. Alvernon Way 10 AM to 2 PM Take in on 146,523 PM
Jun 10, 2019	Event 6: Park Park 500 S. Alvernon Way 10 AM to 2 PM Take in on 146,523 PM
Jul 10, 2019	Event 7: Park Park 500 S. Alvernon Way 10 AM to 2 PM Take in on 146,523 PM
Aug 10, 2019	Event 8: Park Park 500 S. Alvernon Way 10 AM to 2 PM Take in on 146,523 PM
Sep 10, 2019	Event 9: Park Park 500 S. Alvernon Way 10 AM to 2 PM Take in on 146,523 PM
Oct 10, 2019	Event 10: Park Park 500 S. Alvernon Way 10 AM to 2 PM Take in on 146,523 PM

**Do you have any club news to share?  
It can be posted on this page.  
Send your info to Angie - [emberfire@cox.net](mailto:emberfire@cox.net).**



Cooking up  
Some Magic



## Camping Recipes

As we start planning for our Field Day Camping Days, I thought I would share some camping recipes so y'all would eat like home! Nothing like cooking out in nature! Enjoy the next few months of camping recipes and hope you get to use them while you are camping.

### Over The Fire Scalloped Potatoes

Recipe By: Rebecca Gould

They're also great for a campfire on a small grill. These potatoes will keep everyone coming back for more! Have recipe in hand!"

#### Ingredients

8 large baking potatoes, peeled and diced  
1 bunch green onions, sliced  
1 (10 ounce) can condensed cream of mushroom soup  
1 cup shredded Cheddar cheese  
black pepper to taste  
garlic salt to taste  
1/2 cup crumbled crisply cooked bacon (optional)  
1/2 cup sauteed mushrooms (optional)  
1/2 cup butter



#### Directions

Preheat a grill for medium heat.

Prepare 8 pieces of aluminum foil with vegetable cooking spray. Combine potatoes, green onion, soup, cheese, (and bacon and mushrooms if using) in a bowl. Season to taste with salt and pepper. Evenly divide the potato mixture among the squares of aluminum foil. Dot with butter. Fold into foil packets, sealing well.

Cook foil packets on the grill for 12 to 20 minutes, until the potatoes have cooked.

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cook